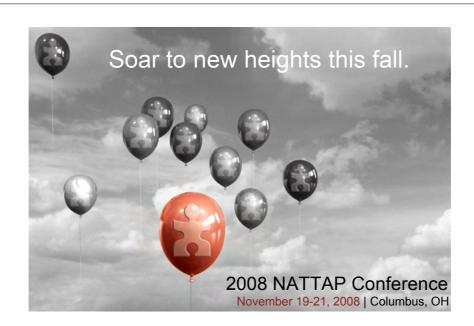
## A Framework and Tools for Comprehensive Program Planning

Shawn A. Henry, M.Ed.

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# What is the NATTAP Conference?

- The premier international autism conference in training, technical assistance and effective strategies
- Over 200 sessions presented by leading scholars and experts
- Over 80 exhibitors showcasing the latest products and services

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#### Who will attend?

- · Special and general educators
- · School administrators
- · State-level special education directors
- · University faculty
- · Parents and family members
- · Psychologists
- Speech-language pathologists
- · Mental health providers
- · Early intervention specialists
- · State and federal legislators

#### State Team Forum

- A gathering of State Team leaders from across the country
- Teams will hear from representatives from NASDSE, National Implementation Research Network (NIRN), The National Professional Development Center on ASD and Centers for Disease Control and Prevention
- · Sponsored and supported by







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### **Collaborating Partners**



#### **Sponsors**















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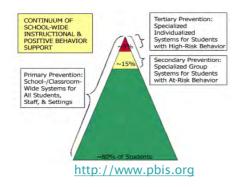
- Provides an opportunity for networking and information sharing on issues related to ASD
- Includes the presentation of model university programs in the area of ASD

Thursday, November 20, 2008 1:00-4:00 pm

# A Framework and Tools for Comprehensive Program Planning

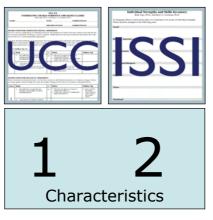
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### **Proactive Programming**



- Adequate Yearly Progress
- State Standards
- Positive Behavior Supports
- Response to Intervention
- Inclusive Practices
- Individualized Education Program

# 4 Steps to Designing a Comprehensive Intervention Plan















# This will help you to see the autism



# 

# This will show you an individual's strengths and skills



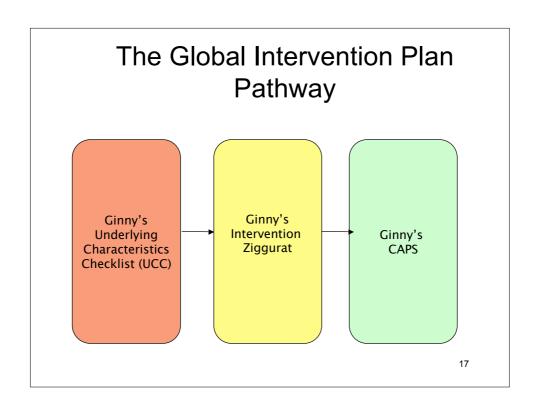
This will show you how to design interventions using evidenced-based strategies

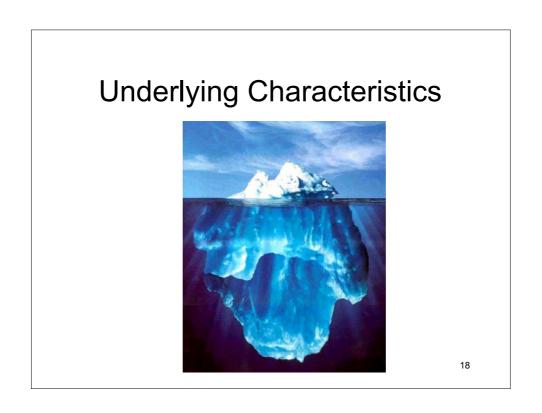




# This will show you how to implement them across the school day

Child	/Student: 0	Ginny	Ginr Baselin	N'S e of Studer				
Time	Activity	Targeted Skills to Teach	Structure/ Modifications	Reinforce- ment	Sensory Strategies	Communication Social Skills	Data Collection	Generalization Plan
9:00- 9:30am	Group Activity (art)	Independence Fine motor skills Reciprocal interac- tion with peers	One-on-one assistant Hand-over- hand assistance Modified pro- ject Seat at end of table	Verbal Praise		Follow general education classroom rules	Completed project	General educa- tion art class
9:35- 0:00am	Small group reading and spelling	Active listening Identify letters, words Answering ques- tions	One-on-one assistant Physical prompts Letter cards Point prompts Seat near wall	Verbal Praise		Follow general education class- room rules		
0:00- 0:40am	Math- counting	One-to-one corre- spondence Number identifi- cation	Counting objects Two-on-one assistance Small group math activity Visual support for counting Point prompts	Verbal Praise				Counting objects in other environments





#### **Assessing Characteristics**

# Underlying Characteristics UCC

... an informal assessment tool designed specifically to identify characteristics across a number of domains associated with [ASD] for the purpose of intervention. It is not designed for diagnosis.

The results of the UCC are used to develop a comprehensive intervention incorporating each of the five levels of the Ziggurat.

Aspy, R., & Grossman, B., 2007, p.51

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#### Additionally, the UCC...

- Provides a "snapshot" of how autism is expressed for an individual
- Can be completed by multiple respondents
- Provides a tool for assessing progress/change

#### The UCC Areas

- Social
- Restricted Patterns of Behavior, Interests, and Activities
- Communication
- Sensory Differences
- Cognitive Differences
- · Motor Differences
- Emotional Vulnerability
- · Known Medical or other Biological Factors

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#### Individual Strengths and Skills

- · Focus on the positive traits of the individual with ASD
- One tool: The Individual Strengths and Skills Inventory (ISSI)
- · Identify strengths in all areas
  - Social
  - Restricted patterns of behavior, interests, and activities
  - Communication
  - Sensory differences
  - Cognitive differences
  - Motor differences
  - Emotional vulnerabilities

### Ginny's Strengths and Skills



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# Prioritizing Items from UCC and ISSI

 What is the vision for the child's future the long term plan?

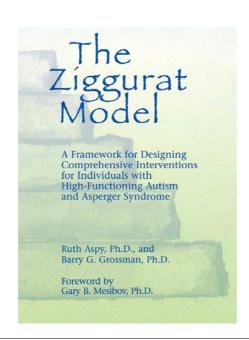


## **Designing Interventions**

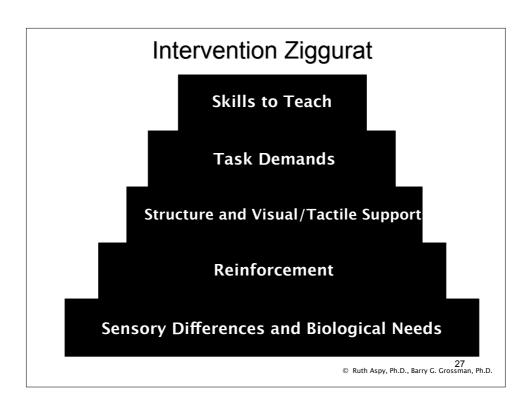
**Intervention Ziggurat** 

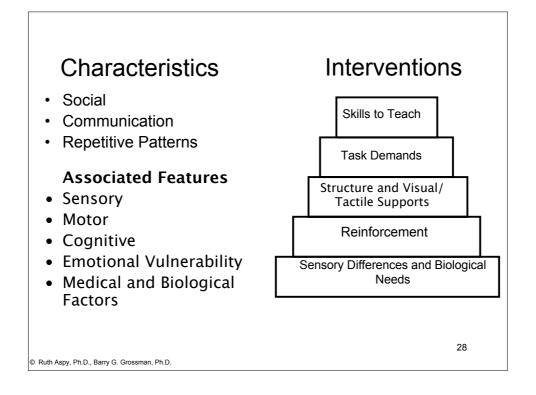
Aspy, R., & Grossman, B., 2007, p.51

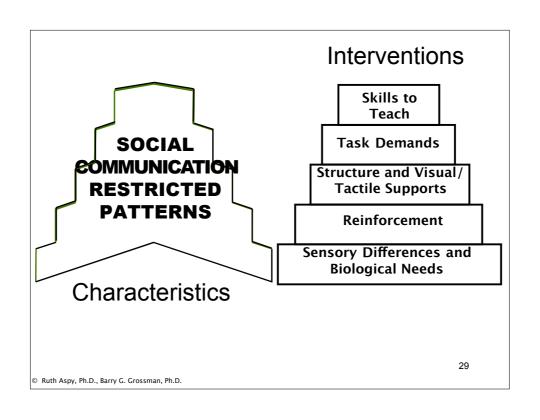
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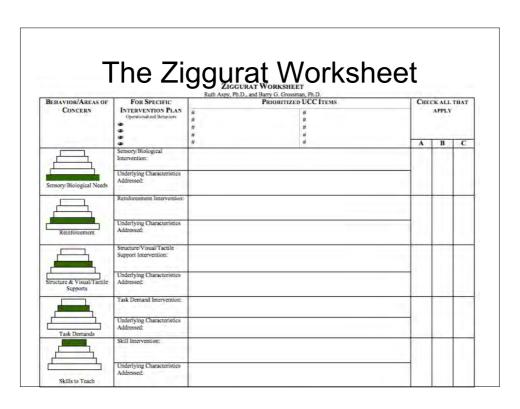


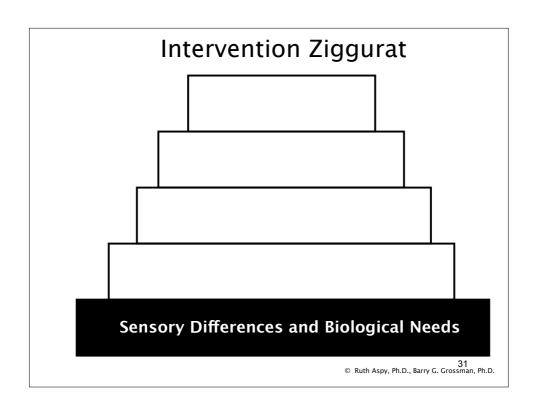
- Sensory and Biological Needs
- Reinforcement
- Structure and Visual/Tactile Supports
- Task Demands
- Skills to Teach

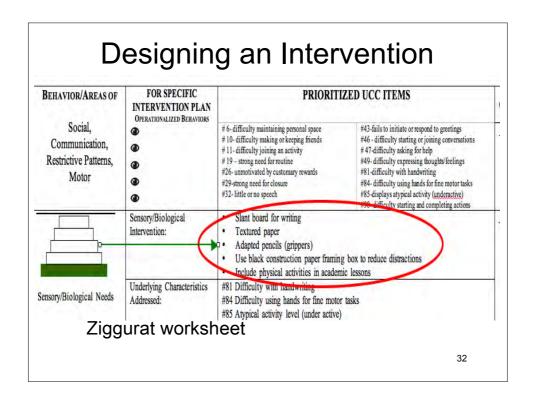




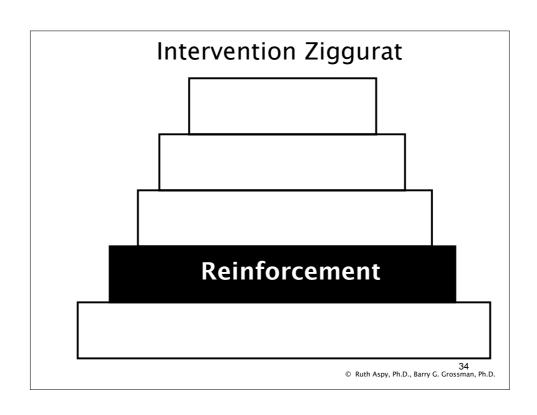


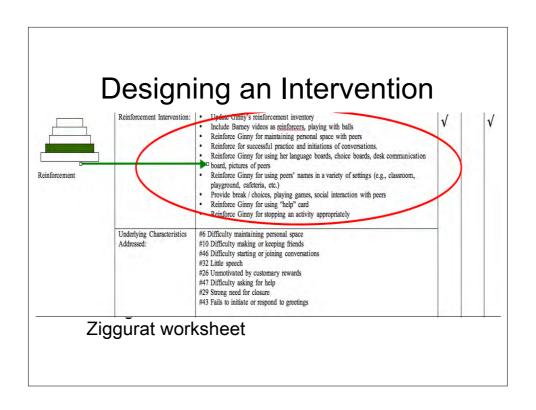




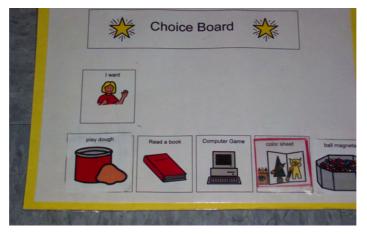


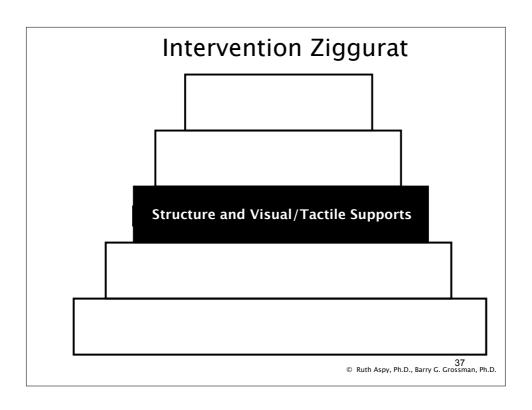


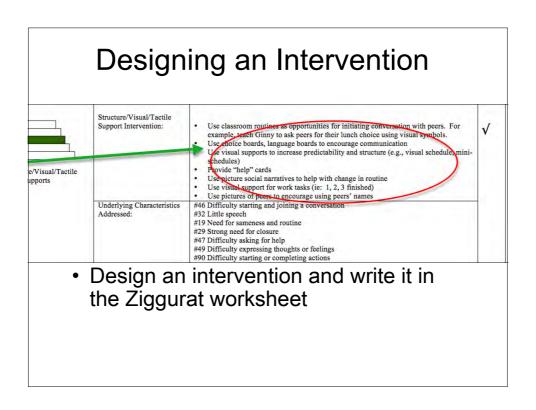


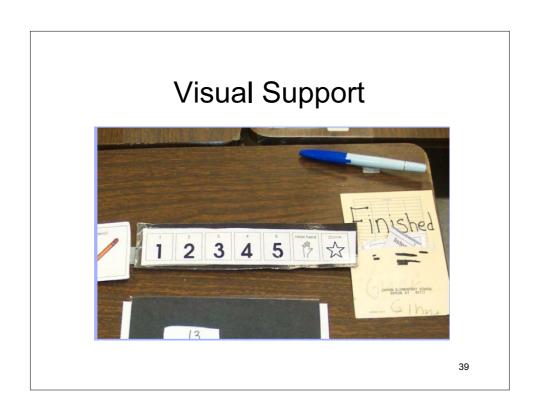


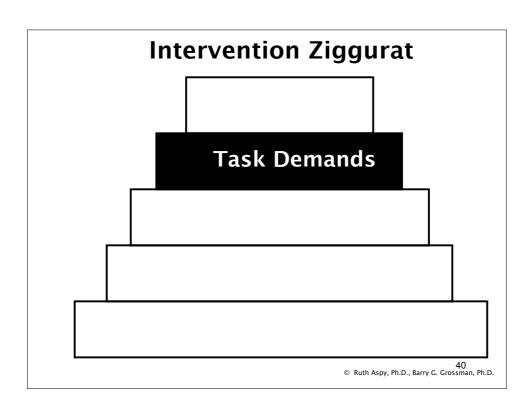
## Reinforcers

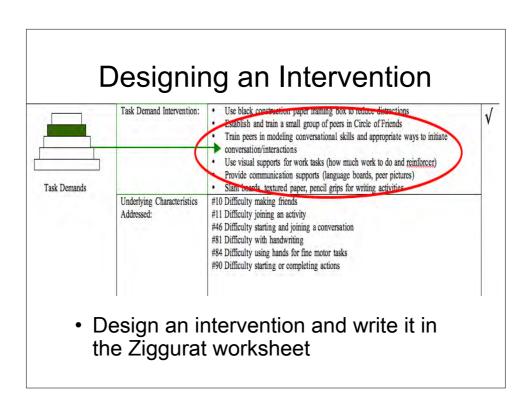


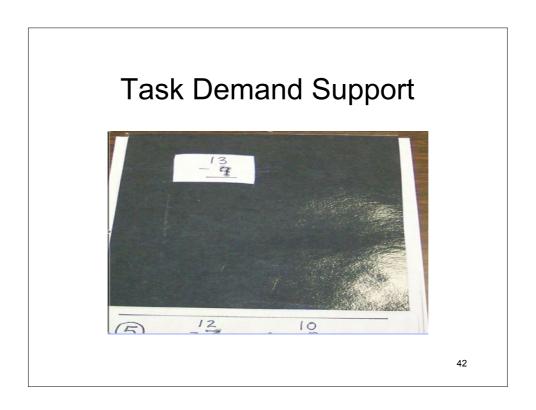


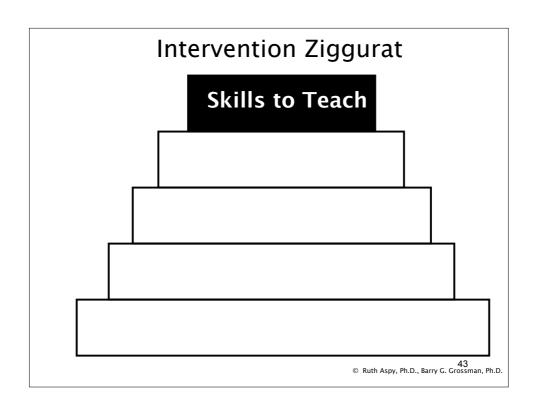


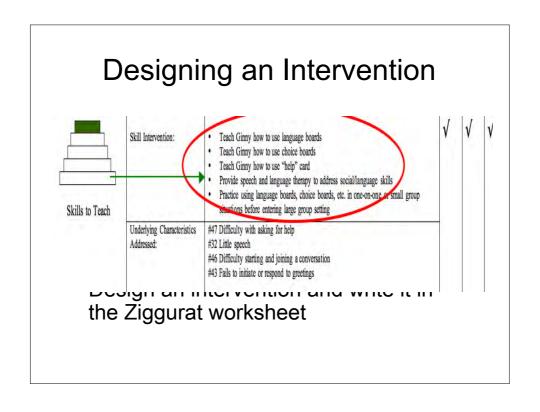












#### Skills to Teach

# Help

#### Ginny's Ziggurat Worksheet FOR SPECIFIC INTERVENTION PLAN OPERATIONALIZED BEHAVIORS PRIORITIZED UCC ITEMS CHECK ALL THAT APPLY # 6-difficulty maintaining personal space # 10-difficulty making or keeping friends # 11-difficulty joining an activity # 19 - strong seed for routine # 26-ammotivated by customary rewards # 29-strong need for closure # 23-strong need for closure # 23-strong need for closure 843-fails to initiate or respond to greetings 846-difficulty starting or joining conversations 847-difficulty starting or joining conversations 849-difficulty supersoning broughts/feelings 848-difficulty using hands for fine motor tasks 858-displays styling alexity (underactive) 950-difficulty starting and completing actions Social. Communication, Restrictive Patterns, Sensory/Biological Intervention: Underlying Characterist Addressed: nsory/Biological Needs Reinforcement #6 Difficulty maintaining personal space #10 Difficulty making or keeping friends #46 Difficulty starring or joining conversations #32 Little speech #32 Unmotivated by customary rewards #47 Difficulty asking for help #29 Swong need for closure #43 Fails to initiate or respond to greetings Underlying Characteristics Addressed:

## Implementing Interventions

#### **CAPS**

Aspy, R., & Grossman, B., 2007, p.51

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# Organizational Matrix: Building Supports for Individuals with ASD Comprehensive Autism Planning System (CAPS)

Child/Student: Ginny

Time	Activity	Targeted Skills to Teach	Structure/ Modifications	Reinforcement	Sensory Strategies	Communication Social Skills	Data Collection	Generalization Plan
7:30-7:55	Transition from car to breakfast	Choose breakfast using breakfast board Using Interactive language board Independent use of schedule	Choice board of breakfast items Interactive language board	Choice of food items	Not at this time	Have additional social language on board (greetings, questions). Work on table man- ners	Data sheet for choice Data use of NALS board	Use language boards during lunch or dinner at home
8:05-8:20	Independent Morning Work  Lunch Count Prep	Independent work of mastered math prob- lems Review menu for lunch choices Self-monitoring Charting lunch count	Visuals to break- down task (1-5, raise hand, finished) Visual focusing aide Priming for lunch count Mastered math	Complete 5 problems – get a break of her choice	Ginny needs black construction paper box around prob- lem to write in box  Slant board with textured paper underneath for more feedback	Follow general edu- cation classroom rules  Review lunch choices  Ginny will ask peers if they have one of the lunch choices by holding the choice up and saying the name	Use of self moni- toring sheets, % independent	Self-monitoring in other subjects  Using peers name throughout the school day
		Collect and organize data (ss)  Follow two- and three-step oral direc- tions. (ss)	problems			(i.e. Hamburger, Home lunch) PECS book		

### Why was CAPS developed?

- Teams were changing and training would be needed again each year.
- During transitions knowledge was not shared.





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### Why was CAPS developed?

Students often move and new teams have to get to know these students, reinventing the wheel is not fair to the student or the teacher.



 Simply, what works for the individual was not being shared.



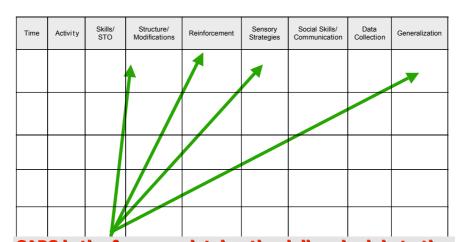
#### What does CAPS do?

- Provides a venue for individualized team planning combining effective and diverse strategies as needed.
- Provides consistency of programming across time and setting
- Bridges IEP with core curriculum to effectively use daily teachable moments.
- Facilitates targeted professional development.
- Facilitates transition at the end of school year.
- Provides structured flexibility across methodologies.

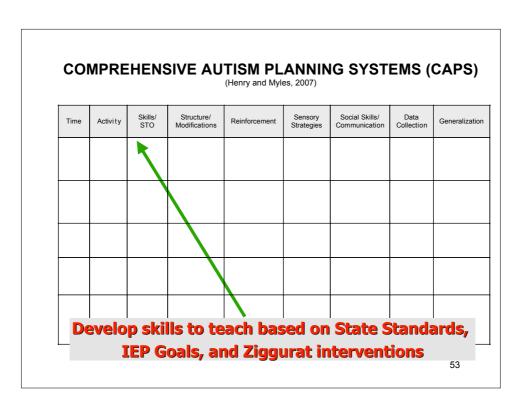
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#### COMPREHENSIVE AUTISM PLANNING SYSTEMS (CAPS)

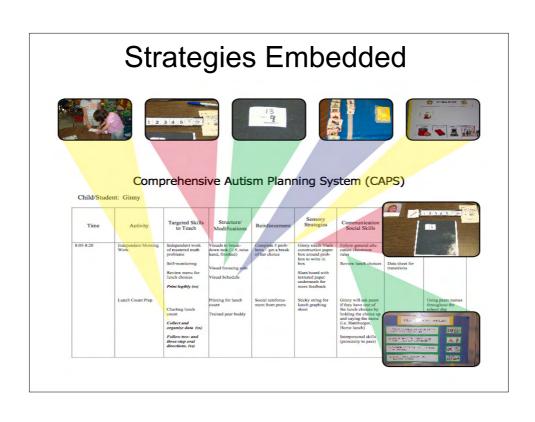
(Henry and Myles, 2007)



CAPS is the framework tying the daily schedule to the underlying characteristics identified in the UCC and the interventions outlined in the Ziggurat.



#### Ginny's CAPS Comprehensive Autism Planning System (CAPS) Child/Student: Ginny Targeted Skills to Teach Data Collection Generalization Plan Communication Social Skills Time Activity 7:30-7:55 Data use of NALS board Visual Schedule 8:05-8:20 Visual Schedule Lunch Count Prep Priming for lunch count



Child/Stu	dent: Ginny							
Time	Activity	Targeted Skills to Teach	Structure/ Modifications	Reinforce- ment	Sensory Strategies	Communication Social Skills	Data Collection	Generaliza- tion Plan
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		Review menu for lunch choices	Visual focusing aide Visual Schedule		Slant board with textured paper underneath for more feedback	unices	transitions	
	Lunch Count Prep	Charling lunch count Collect and organize data (ss) Follow two- and three-step oral directions. (ss)	Priming for lunch count Trained peer buddy	Social reinforcement from peers	Sticky string for lunch graphing sheet	Ginny will ask peers if they have one of the lunch choices by holding the choice up and saying the name (i.e. Hamburger, Home lunch) Interpersonal skills (proximity to peer)		Using peers names throughout the school day

# Ginny - Lunch Count

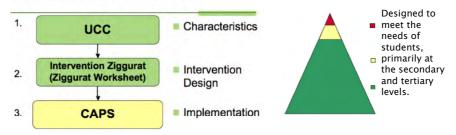


# Graphing



#### **Comprehensive Process**

#### General Intervention Plan



#### Resources

- Henry, S., & Myles, B. (2007) The Comprehensive Autism Planning System (CAPS) for individuals with Asperger Syndrome, autism and related disabilities. Shawnee Mission, KS: Autism Asperger Publishing Company.
- Aspy, R., & Grossman, B. (2007) The Ziggurat Model: A framework for designing comprehensive interventions with high functioning autism and Asperger Syndrome. Shawnee Mission, KS: Autism Asperger Publishing Company.
- Myles, B. S., Grossman, B. G., Aspy, R., Henry, S. A., & Coffin, A. B. (2007). Planning a comprehensive program for students with autism spectrum disorders using evidence-based practices. *Education and Training in Developmental Disabilities*, 42(4), 398-409.